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**SUPPLEMENTARY  
EUROPEAN SEARCH REPORT**

Application Number  
EP 04 71 0575

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 2002/024270 A1 (YUN SANG KYEONG ET AL) 28 February 2002 (2002-02-28)	1,4-9, 17-30,37	INV. H01L41/087
A	* paragraph [0018] - paragraph [0053] *	2,3, 10-16, 31-36	H01L41/09
Y	US 6 349 455 B1 (YUN SANG KYEONG ET AL) 26 February 2002 (2002-02-26)	1,4-9, 17-30,37	
A	* column 3, line 30 - column 6, line 67 *	2,3, 10-16, 31-36	
Y	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) - & JP 08 336967 A (FUJI ELECTRIC CO LTD), 24 December 1996 (1996-12-24)	1,4-9, 17-30,37	
A	* abstract; figure 1 *	2,3, 10-16, 31-36	
	* paragraph [0019] - paragraph [0021] *		TECHNICAL FIELDS SEARCHED (IPC)
Y	MORITA T ET AL: "An ultrasonic micromotor using a bending cylindrical transducer based on PZT thin film" SENSORS AND ACTUATORS A, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 50, no. 1-2, August 1995 (1995-08), pages 75-80, XP004303516 ISSN: 0924-4247	1,4-9, 17-30,37	H01L C25D
A	* figure 1 *	2,3, 10-16, 31-36	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>Munich</b>		Date of completion of the search <b>20 July 2006</b>	Examiner <b>Gröger, A</b>
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document	

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EPO FORM 1803 03.05 (PAC/DA)



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	MORITA T ET AL: "A CYLINDRICAL MICRO ULTRASONIC MOTOR USING PZT THIN FILM DEPOSITED BY SINGLE PROCESS HYDROTHERMAL METHOD (PHI 2.4MM, L = 10 mm STATOR TRANSDUCER)" IEEE TRANSACTIONS ON ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 45, no. 5, September 1998 (1998-09), pages 1178-1187, XP000801799 ISSN: 0885-3010 * figure 16 *	1, 4-9, 17-30, 37	
A		2, 3, 10-16, 31-36	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 20 July 2006	Examiner Gröger, A
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: member of the same patent family, corresponding document			

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EPC FORM 1503 (03.05.94) (P40004)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 71 0575

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-07-2006

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